Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 2236.0050000/JUK/SMW First Inventor Jung Ki Park See 1 in Addendum Title Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Commiss P.O. Box	p Patent Application sioner for Patents 1450 la VA 22313-1450	
(Submired) 2. X Application See 37 3. X Specification (preferring) - Description - Cross - State - Referring or a c - Backg - Brief - Brief - Brief - Detaill - Claim	See 37 CFR 1.27.		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS		
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets]			9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS		
Oath or Declaration [Total Sheets] a. Newly executed (original or copy)					
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503)		
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76			(Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. X Other:Authorization under 37CFR 1.136(a)(3)		
The name of the assignee is: See 2 in Addendum 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the					
specification following the title, or in an Application Data Sheet under 37 CFR 1.76:					
Continuation Divisional Continuation-in-part (CIP) of prior application No.:					
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPONDENCE ADDRESS					
X Customer Number: 26111		OR Correspondence address below			
Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.				
Address					
City			State	Zip Code	
Country		Te	elephone	Fax	
Name (Print/Type) Judith U. Kim		Registration No. (Attorney/Agent)	40,679		
Signature Date					
This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file rend by the					

USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Addendum

- 1. Method of Preparing Photopolymer with Enhanced Optical Quality Using Nanoporous Membrane and Photopolymer Prepared by the Same
- 2. Korea Advanced Institute of Science and Technology



Robert Greene Sterne Edward J. Kessler Jorge A. Goldstein David K.S. Cornwell Robert W. Esmond Tracy-Gene G. Durkin Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael Q. Lee Steven R. Ludwig John M. Covert Linda E. Alcorn Robert C. Millonig Lawrence B. Bugaisky Donald J. Featherstone Michael V. Messinger Judith U. Kim Timothy J. Shea, Ir. Patrick E. Garrett Heidi L. Kraus Edward W. Yee Albert L. Fero Donald R. Banowit Peter A. Jackman Teresa U. Medler Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Eldora Ellison Floyd Thomas C. Fiala Brian J. Del Buono Virigil Lee Beaston Kimberly N. Reddick Theodore A. Wood Elizabeth J. Haanes Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengaman Jane Shershenovich" Lawrence J. Carroll" George S. Bardmesser Daniel A. Klein" Jason D. Eisenberg Michael D. Specht Andrea J. Kamage Tracy L. Muller" LuAnne M. DeSantis John J. Figueroa Ann E. Summerfield Tiera S. Coston" Aric W. Ledford" Michael D. Specht Jessica L. Parezo Timothy A. Doyle Cynthia M. Bouchez Nicole D. Dretar* Ted J. Ebersole Registered Patent Ag

Registered Patent Agents-Karen R. Markowicz Nancy J. Leith Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz Mary B. Tung Katrina Y. Pei Quach Bryan L. Skelton Robert A. Schwartzman

Mail Stop Patent Application

Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherford Eric D. Hayes Michelle K. Holoubek Robert H. DeSelms Simon J. Elliott Julie A. Heider Mita Mukerjee Scott M. Woodhouse Of Counsel Kenneth C. Bass III Evan R. Smith Marvin C. Guthrie *Admitted only in Maryland *Admitted only in Virginia •Practice Limited to Federal Agencies

February 20, 2004

(202) 772-8678

WRITER'S DIRECT NUMBER:

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re

U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. To Be Assigned; Filed: February 20, 2004

For:

Method of Preparing Photopolymer with Enhanced Optical Quality Using Nanoporous Membrane and Photopolymer Prepared by the

Same

Inventors:

Park et al.

Our Ref:

2236.0050000/JUK/SMW

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
- 2. U.S. Utility Patent Application entitled:

Method of Preparing Photopolymer with Enhanced Optical Quality Using Nanoporous Membrane and Photopolymer Prepared by the Same

and naming as inventors:

Jung Ki Park, Jong Woo Lee and Won Sun Kim

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. 8 pages of description prior to the claims;
- c. 2 pages of claims (9 claims);
- d. a one (1) page abstract;

Sterne, Kessler, Goldstein & Fox PLL.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents February 20, 2004 Page 2

- e. 2 sheets of drawings: (Figures 1a-1b and 2a-2b); and
- 3. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3); and
- 4. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Judith U. Kim

Attorney for Applicants Registration No. 40,679

Gudith U. Cim

Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Park et al.

Appl. No.: To Be Assigned

Filed: February 20, 2004

For: Method of Preparing

Photopolymer with Enhanced
Optical Quality Using Nanoporous

Membrane and Photopolymer

Prepared by the Same

Confirmation No.: To Be Assigned

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 2236.0050000/JUK/SMW

Authorization to Treat a Reply as Incorporating an Extension of Time Under 37 C.F.R. § 1.136(a)(3)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Judith U. Kim

Attorney for Applicants

Gudith U. tim

Registration No. 40,679

Date: February 20, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

232621.1